

\$\$ASTN;HighlightOn= ***;HighlightOff=*** ;

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| | | |
|---------|--------|--|
| NEWS 1 | | Web Page for STN Seminar Schedule - N. America |
| NEWS 2 | JAN 08 | CHEMLIST enhanced with New Zealand Inventory of Chemicals |
| NEWS 3 | JAN 16 | CA/CAPLUS Company Name Thesaurus enhanced and reloaded |
| NEWS 4 | JAN 16 | IPC version 2007.01 thesaurus available on STN |
| NEWS 5 | JAN 16 | WPIDS/WPINDEX/WPIX enhanced with IPC 8 reclassification data |
| NEWS 6 | JAN 22 | CA/CAPLUS updated with revised CAS roles |
| NEWS 7 | JAN 22 | CA/CAPLUS enhanced with patent applications from India |
| NEWS 8 | JAN 29 | PHAR reloaded with new search and display fields |
| NEWS 9 | JAN 29 | CAS Registry Number crossover limit increased to 300,000 in multiple databases |
| NEWS 10 | FEB 15 | PATDPASPC enhanced with Drug Approval numbers |
| NEWS 11 | FEB 15 | RUSSIAPAT enhanced with pre-1994 records |
| NEWS 12 | FEB 23 | KOREAPAT enhanced with IPC 8 features and functionality |
| NEWS 13 | FEB 26 | MEDLINE reloaded with enhancements |
| NEWS 14 | FEB 26 | EMBASE enhanced with Clinical Trial Number field |
| NEWS 15 | FEB 26 | TOXCENTER enhanced with reloaded MEDLINE |
| NEWS 16 | FEB 26 | IFICDB/IFIPAT/IFIUDB reloaded with enhancements |
| NEWS 17 | FEB 26 | CAS Registry Number crossover limit increased from 10,000 to 300,000 in multiple databases |
| NEWS 18 | MAR 15 | WPIDS/WPIX enhanced with new FRAGHITSTR display format |
| NEWS 19 | MAR 16 | CASREACT coverage extended |
| NEWS 20 | MAR 20 | MARPAT now updated daily |
| NEWS 21 | MAR 22 | LWPI reloaded |
| NEWS 22 | MAR 30 | RDISCLOSURE reloaded with enhancements |
| NEWS 23 | APR 02 | JICST-EPLUS removed from database clusters and STN |
| NEWS 24 | APR 30 | GENBANK reloaded and enhanced with Genome Project ID field |
| NEWS 25 | APR 30 | CHEMCATS enhanced with 1.2 million new records |
| NEWS 26 | APR 30 | CA/CAPLUS enhanced with 1870-1889 U.S. patent records |
| NEWS 27 | APR 30 | INPADOC replaced by INPADOCDB on STN |
| NEWS 28 | MAY 01 | New CAS web site launched |
| NEWS 29 | MAY 08 | CA/CAPLUS Indian patent publication number format defined |
| NEWS 30 | MAY 14 | RDISCLOSURE on STN Easy enhanced with new search and display fields |
| NEWS 31 | MAY 21 | BIOSIS reloaded and enhanced with archival data |
| NEWS 32 | MAY 21 | TOXCENTER enhanced with BIOSIS reload |
| NEWS 33 | MAY 21 | CA/CAPLUS enhanced with additional kind codes for German patents |
| NEWS 34 | MAY 22 | CA/CAPLUS enhanced with IPC reclassification in Japanese patents |

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* * * * * STN Columbus * * * * *

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=> S TCGTCGTTTTTCGGTCGTTTT/SQEN

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=> FILE REGISTRY

COST IN U.S. DOLLARS

SINCE FILE

ENTRY

TOTAL

SESSION

FULL ESTIMATED COST

0.21

0.21

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DICTIONARY FILE UPDATES: 29 MAY 2007 HIGHEST RN 936074-26-9

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<http://www.cas.org/support/stngen/stndoc/properties.html>

=> S TCGTCGTTTTTCGGTCGTTTT/SQEN

9 TCGTCGTTTTTCGGTCGTTTT/SQEN

422956 SQL=21

L1

9 TCGTCGTTTTTCGGTCGTTTT/SQEN

(TCGTCGTTTTTCGGTCGTTTT/SQEN AND SQL=21)

=> FILE CAPLUS

COST IN U.S. DOLLARS

SINCE FILE

ENTRY

TOTAL

SESSION

FULL ESTIMATED COST

8.15

8.36

10613524Brtf.trn
 FILE 'CAPLUS' ENTERED AT 16:46:40 ON 30 MAY 2007
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 FILE LAST UPDATED: 29 May 2007 (20070529/ED)

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<http://www.cas.org/infopolicy.html>

=> S L1
 L2 6 L1

=> D BIB AB HITSEQ 2

L2 ANSWER 2 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN
 AN 2006:888480 CAPLUS <<LOGINID::20070530>>
 DN 145:291047
 TI Immunostimulatory oligonucleotides with stabilized internucleotide linkage for treating cancer, allergy, asthma and infection
 IN Krieg, Arthur M.; Samulowitz, Ulrike; Vollmer, Joerg
 PA Coley Pharmaceutical Group, Inc., USA; Coley Pharmaceutical GmbH
 SO PCT Int. Appl., 93pp.:
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|--|--|----------|-----------------|----------|
| PI | WO 2006091915 | A2 | 20060831 | WO 2006-US6778 | 20060224 |
| | WO 2006091915 | A3 | 20070315 | | |
| | W: | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW | | | |
| | RW: | AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM | | | |
| | US 2006211644 | A1 | 20060921 | US 2006-361313 | 20060224 |
| PRAI | US 2005-655931P | P | 20050224 | | |
| AB | The invention relates to a class of short CpG immunostimulatory oligonucleotides that are useful for stimulating an immune response. Preferably the short oligonucleotides are soft or semi-soft oligonucleotides. | | | | |

IT ***907637-93-8***
 RL: PRP (Properties)
 (unclaimed nucleotide sequence; immunostimulatory oligonucleotides with
 stabilized internucleotide linkage for treating cancer, allergy, asthma
 and infection)
 RN 907637-93-8 CAPLUS
 CN DNA, d(T-C-G-T-C-G-T-T-T-T-T-C-G-G-T-C-G-T-T-T-T) (9CI) (CA INDEX NAME)

SEQ 1 tcgtcgtttt tcggtcgttt t

=> D BIB AB HITSEQ 3

L2 ANSWER 3 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN
 AN 2004:934524 CAPLUS <<LOGINID::20070530>>
 DN 141:394071
 TI Screening for oligonucleotide ligands of toll-like receptors for use as
 immunomodulators
 IN Vollmer, Joerg; Jurk, Marion; Lipford, Grayson B.; Schetter, Christian;
 Forsbach, Alexandra; Krieg, Arthur M.
 PA Coley Pharmaceutical G.m.b.H., Germany; Coley Pharmaceutical Group, Inc.
 SO PCT Int. Appl., 340 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|-----------------|--|----------|-----------------|----------|
| PI | WO 2004094671 | A2 | 20041104 | WO 2004-US12788 | 20040422 |
| | WO 2004094671 | A9 | 20050127 | | |
| | WO 2004094671 | A3 | 20050922 | | |
| | W: | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW | | | |
| | RW: | BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | |
| | EP 1631687 | A2 | 20060308 | EP 2004-760178 | 20040422 |
| | R: | AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR | | | |
| PRAI | US 2003-464586P | P | 20030422 | | |
| | US 2003-464588P | P | 20030422 | | |
| | WO 2004-US12788 | W | 20040422 | | |

AB Screening methods to identify ligands, esp. oligonucleotides, for Toll-like receptors that may be useful as immunomodulators. These methods may also be used to assay the biol. activity of preps. contg. a known TLR ligand, e.g. in quality control. The methods involve testing responses induced by activation of a Toll-like receptor, such as changes in cell surface markers of patterns of gene expression, or the use of a reporter gene regulated by a promoter controlled by a.

IT ***787252-18-0***
 RL: BSU (Biological study, unclassified); PRP (Properties); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (nucleotide sequence, ligand for TLR-9; screening for oligonucleotide

10613524Brtf.trn

ligands of toll-like receptors for use as immunomodulators)

RN 787252-18-0 CAPLUS

CN DNA, d(T-C-G-T-C-G-T-T-T-T-C-G-G-T-C-G-T-T-T) (9CI) (CA INDEX NAME)

SEQ 1 tcgctcgtttt tcggtcgttt t

=> D BIB AB HITSEQ 4

L2 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2004:857435 CAPLUS <<LOGINID::20070530>>

DN 141:337779

TI Immunostimulatory nucleic acid oil-in-water topical emulsions for use with vaccines

IN Davis, Heather L.; McCluskie, Michael J.

PA Coley Pharmaceutical Group, Ltd., Can.

SO PCT Int. Appl., 188 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

PATENT NO. KIND DATE APPLICATION NO. DATE

PI WO 2004087203 A2 20041014 WO 2004-IB1371 20040401
WO 2004087203 A3 20041223

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

AU 2004226605 A1 20041014 AU 2004-226605 20040401
CA 2521050 A1 20041014 CA 2004-2521050 20040401
US 2004235770 A1 20041125 US 2004-816220 20040401
EP 1608403 A2 20051228 EP 2004-725130 20040401

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR

PRAI US 2003-459920P P 20030402
US 2003-461903P P 20030410
WO 2004-IB1371 W 20040401

AB Oil-in-water emulsions contg. an an immunostimulatory nucleic acid, such as CpG oligonucleotide, are described for topical administration in the prevention and treatment of infection. The emulsion may also contain other therapeutic agents, including antiviral, antibacterial or antitumor agents. The compns. can be used to stimulate immune responses, particularly useful in the prevention and/or treatment of infectious disease and cancer. In tests with mice infected with human herpesvirus 2, immunostimulation against the virus was superior when the nucleic acids were delivered in an oil-in-water emulsion. Water-in-oil emulsions were no more effective than control treatments.

IT ***771209-76-8***

RL: PRP (Properties); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(nucleotide sequence, immunostimulatory nucleic acid for vaccine use;

10613524Brtf.trn

immunostimulatory nucleic acid oil-in-water topical emulsions for use
with vaccines)

RN 771209-76-8 CAPLUS

CN DNA, d(T-C-G-T-C-G-T-T-T-T-C-G-G-T-C-G-T-T-T-T) (9CI) (CA INDEX NAME)

SEQ 1 tcgtcgtttt tcggtcgttt t

=> D BIB AB HITSEQ 5

L2 ANSWER 5 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2004:162829 CAPLUS <<LOGINID::20070530>>

DN 140:230578

TI Sequences of immunostimulatory oligonucleotides and therapeutic use for
immune related diseases

IN Krieg, Arthur M.; Samulowitz, Ulrike; Vollmer, Joerg; Uhlmann, Eugen;
Jurk, Marion; Lipford, Grayson; Rankin, Robert

PA Coley Pharmaceutical Group, Inc., USA; Coley Pharmaceutical GmbH

SO PCT Int. Appl., 276 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|--|--|----------|-----------------|----------|
| PI | WO 2004016805 | A2 | 20040226 | WO 2003-US25935 | 20030819 |
| | WO 2004016805 | A9 | 20040819 | | |
| | WO 2004016805 | A3 | 20050217 | | |
| | W: | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZW | | | |
| | RW: | GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | |
| | CA 2493753 | A1 | 20040226 | CA 2003-2493753 | 20030819 |
| | AU 2003259916 | A1 | 20040303 | AU 2003-259916 | 20030819 |
| | US 2005059619 | A1 | 20050317 | US 2003-644052 | 20030819 |
| | EP 1538904 | A2 | 20050615 | EP 2003-788643 | 20030819 |
| | R: | AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK | | | |
| | CN 1688192 | A | 20051026 | CN 2003-824039 | 20030819 |
| | JP 2006508693 | T | 20060316 | JP 2005-502069 | 20030819 |
| | IN 2005KN00167 | A | 20060421 | IN 2005-KN167 | 20050210 |
| | NO 2005001469 | A | 20050519 | NO 2005-1469 | 20050318 |
| PRAI | US 2002-404479P | P | 20020819 | | |
| | US 2002-404820P | P | 20020819 | | |
| | US 2002-429701P | P | 20021127 | | |
| | US 2003-447377P | P | 20030214 | | |
| | WO 2003-US25935 | W | 20030819 | | |
| OS | MARPAT 140:230578 | | | | |
| AB | The invention relates to a class of soft or semi-soft CpG immunostimulatory oligonucleotides that are useful for stimulating an immune response. | | | | |
| IT | ***666769-78-4*** | | | | |
| | RL: PRP (Properties) | | | | |

10613524Brtf.trn

(unclaimed nucleotide sequence; sequences of immunostimulatory oligonucleotides and therapeutic use for immune related diseases)

RN 666769-78-4 CAPLUS
CN DNA, d(T-C-G-T-C-G-T-T-T-T-C-G-G-T-C-G-T-T-T-T) (9CI) (CA INDEX NAME)

SEQ 1 tcgtcgtttt tcggtcgttt t

=> D BIB AB HITSEQ 6

L2 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN
AN 2004:41608 CAPLUS <<LOGINID::20070530>>
DN 140:110112
TI Immunostimulatory nucleic acids for enhancing immune responses to antigen vaccines against cancer, infection, allergy and autoimmune disease
IN Krieg, Arthur M.
PA Coley Pharmaceutical Group, Inc., USA
SO PCT Int. Appl., 257 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|-----------------|--|----------|-----------------|----------|
| PI | WO 2004005476 | A2 | 20040115 | WO 2003-US21113 | 20030703 |
| | WO 2004005476 | A3 | 20040521 | | |
| | W: | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZW | | | |
| | RW: | GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | |
| | CA 2494508 | A1 | 20040115 | CA 2003-2494508 | 20030703 |
| | AU 2003247880 | A1 | 20040123 | AU 2003-247880 | 20030703 |
| | US 2004053880 | A1 | 20040318 | US 2003-613739 | 20030703 |
| | US 2004067905 | A1 | 20040408 | US 2003-613749 | 20030703 |
| | US 2004092472 | A1 | 20040513 | US 2003-613228 | 20030703 |
| | US 2004152649 | A1 | 20040805 | US 2003-613736 | 20030703 |
| | US 2004198680 | A1 | 20041007 | US 2003-613524 | 20030703 |
| | EP 1551221 | A2 | 20050713 | EP 2003-763239 | 20030703 |
| | R: | AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK | | | |
| | CN 1678188 | A | 20051005 | CN 2003-820863 | 20030703 |
| | JP 2005532067 | T | 20051027 | JP 2004-519911 | 20030703 |
| | IN 2005KN00122 | A | 20060106 | IN 2005-KN122 | 20050202 |
| PRAI | US 2002-393880P | P | 20020703 | | |
| | US 2002-394090P | P | 20020703 | | |
| | US 2002-394091P | P | 20020703 | | |
| | US 2002-394164P | P | 20020703 | | |
| | US 2002-394193P | P | 20020703 | | |
| | WO 2003-US21113 | W | 20030703 | | |

AB The invention provides immunostimulatory nucleic acids comprising CpG motifs, and methods of use thereof in stimulating immunity. The immunostimulatory nucleic acids are T-rich, poly-T-contg. or poly-G-contg. sequences. The immunostimulatory nucleic acids are formulated in

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nutritional supplement, capsule, pill, sublingual tablet, parenteral, local, sustained-release, mucosal, oral, nasal, rectal, vaginal, ocular or systemic forms for administration. The immunostimulatory nucleic acids are esp. useful as adjuvant for vaccines against cancer, infection, allergy and autoimmune disease.

IT

646543-87-5

RL: PRP (Properties); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(T-rich and poly-T-contg. or poly-G-contg immunostimulatory nucleic acids for enhancing immune responses to antigen vaccines against cancer, infection, allergy and autoimmune disease)

RN

646543-87-5 CAPLUS

CN

DNA, d(T-C-G-T-C-G-T-T-T-T-T-C-G-G-T-C-G-T-T-T-T) (9CI) (CA INDEX NAME)

SEQ

1 tcgctcgtttt tcggtcgttt t

=> D BIB AB HITSEQ 1

L2 ANSWER 1 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2007:284126 CAPLUS <<LOGINID::20070530>>

DN 146:336431

TI Adjuvanted vaccine for tularemia comprising killed Francisella strain

IN Eyles, James Edward; Hartley, Margaret Gillian

PA The Secretary of State for Defence, UK

SO PCT Int. Appl., 32pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|---------------|--|----------|-----------------|----------|
| PI | WO 2007028985 | A2 | 20070315 | WO 2006-GB3296 | 20060907 |
| | WO 2007028985 | A3 | 20070503 | | |
| | W: | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW | | | |
| | RW: | AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA | | | |
| PRAI | GB 2005-18203 | A | 20050907 | | |
| | GB 2005-18305 | A | 20050908 | | |

AB This invention relates to new immunogenic compns. and vaccines suitable for preventing or treating tularemia. The strain used by the inventors is F. tularensis LVS (live vaccine strain), killed by irradiation. Three different adjuvants were used in the examples: ISCOM (AbISCO-100), CpG 7909 (CpG oligodeoxynucleotide), and Alhydrogel (Alum). Mice were immunized either s.c. or i.m. with 1.5 x 10⁹ CFU LVS. The inventors performed the anal. of antibody response and challenge studies. The ELISPOT assay showed that immunization with LVS produced a cytokine recall response profile consistent with a biased Th1 response (high interferon .gamma. formation and low interleukin-4 formation).

IT

929138-62-5

10613524Brtrf.trn

RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL
(Biological study); USES (Uses)
(adjuvanted vaccine for tularemia comprising killed Francisella strain)

RN 929138-62-5 CAPLUS
CN DNA, d(P-thio)(T-C-G-T-C-G-T-T-T-T-T-C-G-G-T-C-G-T-T-T-T) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

IT ***929576-39-6***

RL: PRP (Properties)
(unclaimed nucleotide sequence; adjuvanted vaccine for tularemia
comprising killed Francisella strain)

RN 929576-39-6 CAPLUS
CN DNA, d(T-C-G-T-C-G-T-T-T-T-T-C-G-G-T-C-G-T-T-T-T) (CA INDEX NAME)

SEQ 1 tcgctcgtttt tcggtcgttt t

=> LOGOFF

ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:Y

COST IN U.S. DOLLARS

SINCE FILE

ENTRY

TOTAL

SESSION

FULL ESTIMATED COST

53.46

61.82

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

ENTRY

TOTAL

SESSION

CA SUBSCRIBER PRICE

-4.68

-4.68

STN INTERNATIONAL LOGOFF AT 16:53:57 ON 30 MAY 2007